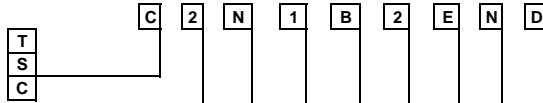


**TCF-10B Frequency Shift Carrier**

**Typical Catalog Number**

**Chassis**

- Transmitter Only.....
- Self-Adjusting Receiver Only.....
- Transmitter/Self-Adjusting Receiver.....



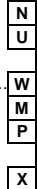
**Transmitter Power Output <sup>1</sup>**

- 1/1 Watt .....
- 1/10 Watt.....
- 10/10 Watt.....
- None (Receiver only chassis).....



**Bandwidth/Frequency Shift**

- 300 Hz BW, ±100 Hz Shift **DOWN** (Standard for Direct Transfer Trip).....
- 300 Hz BW, ±100 Hz Shift **UP** (Special for Direct Transfer Trip).....
- 600 Hz BW, ±100 Hz Shift (Line relaying, used when matching up with existing wideband TCF, TCF-10 or TCF-10A carrier at the remote end of the line).....
- 600 Hz BW, ±250 Hz Shift (Line Relaying).....
- 1500 Hz BW, ±250 Hz Shift (Phase Comparison Line relaying).....
- 1500 Hz BW, ±500 Hz Shift (Line relaying, use when a higher than normal speed channel is desired).....



**Power Supply**

- 48/60 Vdc battery input.....
- 110/125 Vdc battery input.....
- 220/250 Vdc battery input.....



**Alarms and Carrier Level Indication**

- Transmitter Alarms Only.....
- Receiver Alarms and CLI Only.....
- Transmitter and Receiver Alarms with CLI.....



**Channel Type**

- 2 Frequency.....
- 3 Frequency (Directional Comparison Line Relaying Plus Transfer Trip).....



**Receiver Output Interface**

- Solid State (Transistor Outputs).....
- Electro-Mechanical (Six Contact Outputs).....
- No Outputs (Transmitter Only Chassis).....



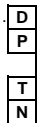
**Voice**

- Voice adapter module<sup>2</sup>.....
- No voice adapter module.....
- Voice adapter module with transfer trip test unit<sup>2</sup>.....
- Transfer trip test unit w/o voice adapter.....



**Receiver Logic**

- Directional Comparison (Unblock, POTT, PUTT, DUTT or Direct Transfer Trip).....
- Phase Comparison.....
- Telemetry (Slow Speed Direct Transfer Trip, Contains No Noise Processing or Channel Logic, Not Recommended for Line Relaying Applications).....
- No Logic (Transmitter Only Chassis).....



<sup>1</sup> For 50 or 100 Watt Output see ACCESSORIES PRICE LIST  
<sup>2</sup> Available in Transmitter/Receiver Chassis Only

**Accessories**

TCF-10B Extender Board.....Style # 1353D70G01

Last updated 7/14/99